

CHAPTER - XI

11.0 Monitoring and Evaluation (M & E)

a) Performance monitoring of projects :

Performance monitoring of watershed projects has always been very challenging. An introductory workshop has already been organised in May 08 to define the performance indicators and design tools in line with the Common Guidelines. Regular performance monitoring will be carried out at each stage of the project. Following plan has been proposed to ensure performance monitoring in the State:

- Appointment of qualified staff for monitoring at SLNA and DWDU
- Define Performance Indicators
- Design tools for Base line Survey and Performance Assessment
- Periodical monitoring by SLNA, DWDU, PIA, WDT
- Identification and nominations of Monitoring agencies to carry out Performance Monitoring
- Annual Performance Monitoring by external Monitoring agencies
- Regular feedback mechanism at SLNA to support project teams to take timely corrective actions
- Assessment of Quarterly reports to identify gaps and ensure the progress in accordance with the outputs defined in the Action Plan
- GIS / Web Based On-line Monitoring

b) Institutional performance monitoring :

Performance of Institutions formed at various levels under IWMP will be regularly assessed by WDT, PIA, DWDU and SLNA . Specific indicators are being developed to ensure Institutional performance as per Action Plan. Periodical assessment of Institutions would also be carried out by Monitoring agencies / NGOs to suggest corrective actions for their strengthening.

c) Internal learning :

Capacity of WDT / WC will be built to make systematic efforts to learn from the field experiences as also from the feedback of independent sources.

- Systematic analysis of monitoring data on a regular basis by internal team and will be carried out and same will be shared with project authorities / policy makers.
- Services of independent academic and voluntary organisations will be engaged by DWDU, for taking up research and action research projects.
- Pilots on new themes and innovative models will be initiated.
- Regular and periodical sharing, reflective and learning events will be organised to learn from field experiences, monitoring exercises and academic/ research studies. These events will be organised at state and district level. This will ensure internal learning of DWDU and Project Team.

d) **Evaluation :**

Concurrent Evaluations will be carried out by SLNA panel of evaluators. Each evaluation will include physical, financial and social audit of the work done. The concurrent and Post-Project evaluation would be conducted to assess the status of watershed related interventions as per the specific guidelines on evaluation issued by GOI.

e) **Indicate institutional arrangements made for M & E at State level, District level, Block level and Village level:**

There will an exclusive qualified Task Manager for Monitoring & Evaluation supported by subsidiary staff at SLNA for performing all Monitoring and Evaluation task at State level. DWDU will also be equipped with the professional staff to carry out regular and effective monitoring and evaluation of the watershed projects in the respective districts. At Block and Village level, capacity of PIA, WDT and WC will be built to carry out regular monitoring and evaluation of their project. Services of independent academic and voluntary organisation will be taken by the SLNA/DWDU for taking up research and action research projects.

Monitoring and evaluation may be carried out w.r.t. following indicators :-

- Constitution of DWDU
- Constitution of PIA

- Whether the User Groups for soil and water conservation, plantation and fodder development activities constituted or not? Are they aware about the activities implemented for them?
- Whether the Self Help Groups constituted or not? What kind of income generating activities selected for them? Whether they have been given any loan from revolving fund or not?. Are they aware about the activities selected for them?
- Whether the Women Thrift and Credit Groups constituted or not? Are they doing regular savings and mobilising the resources on credit? Have they been linked with income generating activities?
- Whether the Watershed Committees constituted or not? Are they aware about their role in post project period.
- Whether the Watershed Committees has opened Project Fund Account and Development Fund Account or not?
- Whether the above mentioned community groups are trained or not for their envisaged role in the Watershed Development Project?
- DPR preparation and net planning
- Convergence with other schemes.
- Whether the works executed and monitored by Watershed Committee or not?
- Whether the works executed under the supervision and technical guidance of PIA or not?
- Whether the local people could get wage employment or not?
- Whether the works executed as per approved action plan and in accordance with the concept of "ridge to valley" or not?
- Efficiency, quality and technical feasibility of executed soil and water conservation works.
- Assessment of plantation. Protection of plantation - Methodology used for protection, people's participation, social fencing and use of the concept of the Joint forest management if any, may be described in detail.
- Physical and financial progress against the targets as per approved DPR.
- Usufructs sharing and its mechanism.
- Proper utilisation of funds. Whether expenditure incurred within the permissible limit of the guidelines and in accordance with the approved cost as per the action plan.

- Maintenance of the prescribed records at PIA level and Watershed Committee level specially Cash Book, Voucher Folder, Cheque Book, Cheque Register, Measurement Book, and Work Register. Are these registers/records are verified in time by competent authority? Status of yearly Audit.
- Contribution (Shramadan/Cash/Kind) collected and deposited in Watershed Development Fund Account in cash. What is the status of operation of Watershed Development Fund Account.
- Status of implementation of income generating activities identified for Self Help Groups. Are these groups really active and implementing the selected activity efficiently.
- Status of Women thrift and Credit Groups. Do they feel any sort of self-reliance?
- What role the women are playing in the post project period?
- Overall role and involvement of Watershed Committees in post project activities.
- Status of maintenance of structures in post project period.
- Shift to water efficient crops in post project period
- Impact assessment
- Adoption of Improved/Modern agriculture practices in post project period.
- Appropriate land use in post project period.
- Credit linkages in post project period.
- Sharing mechanism of benefits in post project period.

Table-SPSP 33: List of Institutes[@] identified for M & E at State level

1	2	3	4	5	6	7
S. No.	Name of the Training Institute	Full Address with contact no., website & e-mail	Name & Designation of the Head of Institute	Type of Institute [#]	Area(s) of specialization ^s	Accreditation details
1.	Foundation for Development Research	MX-39, E-7 Arera Colony, Bhopal-462016		NGO	Watershed Management and livelihood support activities	

	& Action (FDRA)					
2.	Center for Advance Research & Action (CARD)	E-7/803, Arera Colony, Bhopal-462 016		NGO	Watershed Management and livelihood support activities	
3.	Vikash Samiti,	188, Panchasheel Colony, Chhindwara		NGO	Watershed Management and livelihood support activities	
4.	Gram Vigyan Paryavaran Sansthan	1338, Vinoba Nagar, Adhartal, Jabalpur (M.P.)		NGO	Watershed Management and livelihood support activities	
5.	Eco Development Solution Society,	B-76, Priyadarshini Housing Society, Bag Mugalia, Hob' Road, Bhopal		NGO	Watershed Management and livelihood support activities	
6.	ANaRDe Foundation,	4, Vani Vilas, Jhalawar Road, Kota- 7, (Raj)		NGO	Watershed Management and livelihood support activities	
7.	Vimarsh,	HX-13, E-7, Arera Colony, BPL-462016		NGO	Watershed Management and livelihood support activities	
8.	SIRD,	M-6 Adhartal, Jabalpur		State Govt.	Rural Development	
9.	WALMI,	Near Kaliasot Dam, Kolar Road, Ravi Shanker Nagar, Bhopal		State Govt.	Water and Land management	

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10.	Aga Khan Rural Support Programme, Behind Govt. Primary School, Near Central Warehouse Corporation,	Anandnagar, Khandwa-450001		NGO	Watershed Management and livelihood support activities	
11.	BAIF	E-7/65, Arera Colony, LLR Society, Bhopal		NGO	Watershed Management and livelihood support activities	
12.	Energy Environment & Development Society (EEDS),	R -12, GTB Complex, II nd Floor, New Market, Bhopal		NGO	Watershed Management and livelihood support activities	
13.	Samarthan	36, Green Avenue, Behind Sagar Campus, Chunna Bhatti, Bhopal-462016		NGO	Watershed Management and livelihood support activities	
14.	Gramin Vikash Trust (GVT),	E-7/10,Lala Lajpat Rai Society, Arera Colony, Bhopal-462016		NGO	Watershed Management and livelihood support activities	
15.	Development Alternatives,	1087,Civil Lines,Jhansi-284001/Taragram , Orchha Tigela, Orchha, Tikamgarh - 472246		NGO	Watershed Management and livelihood support activities	
16.	BYPASS Sansthan,	83,Paraspar Colony (Near Ram Mandir), Chuna Bhatti, Kolar Road, Bhopal- 462016		NGO	Watershed Management and livelihood support activities	

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17.	Mahatma Gandhi Gramodya Viswavidhyalaya,	Chitrakoot, Satna		NGO	Watershed Management and livelihood support activities	
18.	Indian Resource Information & Management Technology Ltd.,	E-4/321,Arera Colony, Bhopal-16		NGO	Watershed Management and livelihood support activities	
19.	ASA (Action for social advancement)	E-5/A,Girish Kung , Arera colony ,Bhopal-462016		NGO	Watershed Management and livelihood support activities	
20.	NM Sadguru Water and Development Foundation	Adalat Road,Chaumahla ,District-Jhalawar-326515 Rajasthan		NGO	Watershed Management and livelihood support activities	
21.	Dr. Yaseen Khan, Senior Scientist,	Madhya Pradesh Vigyan Sabha Village – Koluwa Khurd Raisen Road Bhopal		Individual	Watershed Management	
22.	Mr. S.R. Thareja,	397 - C, Danish Kunj, Kolar Road, Bhopal - 462042		Individual	Watershed Management	
23.	Mr. V.M. Saxsena	191, Rachan Nager,Bhopal-23		Individual	Watershed Management	

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S. No.	Name of the Training Institute	Full Address with contact no., website & e-mail	Name & Designation of the Head of Institute	Type of Institute#	Area(s) of speciali-zation\$	Accreditation details
24.	Mr. N.S. Dhama	10-C,Shiekh Sarai Phase- I S.F.S. Flats, Category – I New Delhi - 110 017		Individual	Watershed Management	
25.	Mr. L.K. Chaubey	C/104, Sevaye South City Complex, E-8 Shahpura Bhopal		Individual	Watershed Management and forestry	